

Amendments to the Claims

The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Currently amended) A method of ~~diagnosing or aiding in the diagnosis of~~ determining the likelihood of bipolar disorder in an individual, comprising determining the nucleotide present at ~~two or more of~~ nucleotide positions 476, 942, and 1635 of the dopamine beta-hydroxylase gene in a nucleic acid sample obtained from an individual, wherein the individual is an offspring of a parent having bipolar disorder,
wherein
 - a) presence of a haplotype consisting of ~~two or more of~~ an A at nucleotide position 476, a G at nucleotide position 942, and ~~or~~ a C at nucleotide position 1635 is indicative of an increased likelihood of bipolar disorder in the individual as compared with an individual who does not have said haplotype ~~having two or more of a G at nucleotide position 476, a T at nucleotide position 942 or a T at nucleotide position 1635 and~~
 - b) ~~the individual is an individual symptomatic for bipolar disorder and/or at risk for development of bipolar disorder.~~
2. (Original) The method of Claim 1, wherein the dopamine beta-hydroxylase gene has the nucleotide sequence of SEQ ID NO: 1.
- 3-5. (Canceled)
6. (Currently amended) A method of ~~diagnosing or aiding in the diagnosis of~~ determining the likelihood of bipolar disorder in an individual, comprising determining the nucleotide present at ~~two or more of~~ nucleotide positions 476, 942, and 1635 of the dopamine beta-hydroxylase gene in a nucleic acid sample obtained from an individual, wherein the individual is an offspring of a parent having bipolar disorder,
wherein

- a) presence of a haplotype consisting of two or more of a G at nucleotide position 476, a T at nucleotide position 942, ~~and or~~ a T at nucleotide position 1635 is indicative of a decreased likelihood of bipolar disorder in the individual as compared with an individual who does not have said haplotype having two or more of an A at nucleotide position 476, a G at nucleotide position 942 or a C at nucleotide position 1635, and
- b) ~~the individual is an individual symptomatic for bipolar disorder and/or at risk for development of bipolar disorder.~~
7. (Original) The method according to Claim 6, wherein the dopamine beta-hydroxylase gene has the nucleotide sequence of SEQ ID NO: 1.
- 8-40. (Canceled)